

India's First Revolutionary KLAREN Self-cleaning Evaporator Technology



Installation at a leading dyes manufacturer at Surat

About Shachi

Several leading manufacturers from India and around the globe rely on Shachi's capabilities to develop innovative process engineering solutions. We have successfully developed complete process plants for some of the most complex & large-scale operations, in record time. Our technology has delivered proven performance in 120+ applications across 10+ diverse industries.

Product Range

- > Spray Dryers
- > Spray Coolers
- > Multi-Effect Evaporators
- > Zero Liquid Discharge Plants (ZLDs)
- > Integrated Fluid Bed Dryers (IFBDs)

Benefits of KLAREN Self-Cleaning Technology

Shachi's strategic technology collaboration with Netherlands based Klaren International helps to bring innovative, self-cleaning systems in evaporators, for customers in the Indian market. These evaporators do not require jet cleaning, thus reduces maintenance cost and precious time while improving the life of the equipment.

- > Pilot Plants
- > Spin Flash Dryers
- > Flash Dryers
- > KLAREN Self-cleaning Evaporator

What sets us apart?

Proven, Innovative Process Designs

- > Infrastructure and documentation that meets global standards
- > Design team with over 100+ man years of combined experience
- > Advanced simulation and analysis using CFD
- > Expertise to design fully automated plants with advanced controls

Capabilities

- > Promoted by Technocrats with hands on experience
- > Team of 100+ includes designers, engineers, service support & technicians
- > Workshop spanning over 1,60,000 sq. ft. with full-fledged fabrication facility
- > In-house R&D team to develop and design innovative products
- > Pilot Plant facility to prove the process and develop new products
- > Dedicated team for erection, commissioning and after sales service

Benefits

- > Energy efficient equipment and plants
- > Emission levels below pollution norms
- > Easy to clean and maintain
- > Robust construction and long operating life
- > Low-maintenance equipment or plants
- > Guaranteed output, with consistent product properties
- > Modular designs which are easy to scale-up, if required

Key Clients

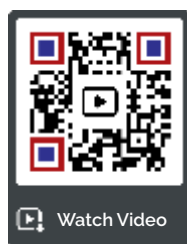
- | | |
|---------------------------------------|--------------------------------|
| > Colourtex Industries Pvt. Ltd. | > Valens Molecules Pvt. Ltd. |
| > Jay Chemical Industries Ltd. | > Dr. Reddy's Laboratory |
| > BASF | > NB Entrepreneurs |
| > Zest Aromast Pvt. Ltd. | > ASHA Cellulose (I) Pvt. Ltd. |
| > Heavy Water Board | > The Himalaya Drug Company |
| > Ankit Pulps and Boards Ltd. | > Thermax Ltd. |
| > Warkem Biotech Pvt. Ltd. | > Kiri Industries Ltd. |
| > L&T Hydrocarbon Engineering Ltd. | > ANA Oleo Pvt. Ltd. |
| > Gujrat Alkalies and Chemicals Ltd. | > Hindustan Petroleum |
| > Gujarat Fluorochemicals Ltd. | > Advanced Enzyme Tech |
| > Accent Microcell Pvt. Ltd. | > Porus Laboratories(P) Ltd. |
| > Spectrum Dyes & Chemicals Pvt. Ltd. | > Evyap Sabun Malaysia |
| > ION Exchange Ltd. | > Aarti Industries Ltd. |
| > Jindal Stainless Ltd. | > Alliance World Group |
| > United Phosphorous Ltd. | > Bosch Ltd. |
| > Huber Group | > EFKO Russia |
| > Grauer & Weil (India) Ltd. | |



Unit 1: Gat No. 271, Sr. No. 38, A/Po. Bhare,
Tal. Mulshi, Pirangut, Dist.: Pune - 412 115,
Maharashtra, India.

Unit 2: Plot no 185, Saykha Ind. Est.
S. No. 44/P, 46/P to 49/P Juned Vagra,
Bharuch Gujarat -392140.

Tel.: +91 20 6654 6904
Cell: +91 96899 44897
E-mail: marketing@shachiengg.com
Website: www.shachiengineering.com



350+ PROJECTS
225+ CLIENTS
10+ COUNTRIES



Spray dryer



Integrated Fluid Bed Dryers
(IFBD)



KLAREN Self-cleaning Evaporator,
Netherlands



Spray cooler



Multi Effect Evaporator Plant (MEE)